

Please type a plus sign (+) inside this box +

PTO/SB/08A (08-00)_

Approved for use through 10/31/2002. OMB 0651-0031**
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known Application Number 10/620,812 INFORMATION DISCLOSURE Filing Date July 17, 2003 STATEMENT BY APPLICANT Joachim BUENGER et al. First Named Inventor Group Art Unit 1616 [6() (use as many sheets as necessary) **Examiner Name** Marina Lamm of MERCK-2206-P01 Sheet Attorney Docket Number

-	U.S. PATENT DOCUMENTS									
Examin Initiats		le No.¹	U.S. Patent Document Kind Code ² Number (# known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Documen				
ul	$\sqrt{}$	1	6,403,112		Motitschke et al.	06-11-2002				
T		2	6,060,071		Motitschke et al.	05-09-2000				
		3	6,267,973		Motitschke et al.	07-31-2001				
		4	6,602,514		Bünger et al.	08-05-2003				
		5	7,048,910		Buenger et al.	05-23-2006				
\neg		6	6,841,702		Magdolen et al.	01-11-2005				
		7	2003/0157040		Bunger et al.	08-21-2003				
		8	2004/0043940		Bünger et al.	03-04-2004				
		9	2003/0199446		Bunger et al.	10-23-2003				
\Box		10	6,057,282		Desai et al.	05-02-2000				
		11	5,780,042		Gers-Barlag et al.	07-14-1998				
\neg		12	2003/0114358		Galinski et al.	06-19-2003				
		13	4,177,260		Wajaroff	12-04-1979				
W	U	14	09/744,767		Buenger et al.					

				FORE	GN PATENT DOCUMENTS			
		Foreign Patent Document		nent	•	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
Examiner Initials*	Cite No.1	Office ³	Kind Code ^s (e ³ Number ^s <i>known</i>)		Name of Patentee or Applicant of Cited Document			
un	15	JP	2104577		Koei Chem Co. Ltd.	4-17-1990		cite 1
	16	JP	3086867		Takeda Chem Ind. Ltd.	4-11-1991		cite 1
	17	JP	3031265		Takeda Chem Ind. Ltd.	2-12-1991		cite 1
utt	18	JP	9143167		Dainippon Pharmaceut Co. Ltd.	06-03-1997		cite 5

_		 			
	Examiner Signature	Date Considered	11/25	101	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Tredemark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

Examiner Signature Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known **Application Number** 10/620,812 INFORMATION DISCLOSURE Filing Date July 17, 2003 STATEMENT BY APPLICANT Joachim BUENGER et al. First Named Inventor 1616-617 Group Art Unit (use as many sheets as necessary) **Examiner Name** Marina Lamm of MERCK-2206-P01 Attorney Docket Number

Sile			•	, vi		<u> </u>	Attorney Docket Number	MERCK-220	3-7-0-1	
						FOREIGN	PATENT DOCUMENTS			
Examin Initials		Cite No.1	Office ³		Patent Docum	Kind Code ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
ш	ХĪ	19	DE	2 1	32 079		Hagen et al.	01-11-1973		cite 1
		20	GB	21	14886		Unilever PLC	09-01-1983		
		21	GB	15	13659		Wella Aktiengesellschaft	06-07-1978		
		22	wo	94/	15923		Galinski et al.	07-21-1994		
		23	EP	0 5	53 884	,	Lapidot et al.	08-04-1993		
		24	EP	0 8	88 542		Moghaddam et al.	01-07-1999		
		25	DE	2 1	54 948		Chemische Werke Huels AG	05-10-1973		cite 3
		26	wo	96/	17590		Dixon et al.	06-13-1996		
		27	wo	98/	13020		Granger et al.	04-02-1998		
		28	EP	0 2	75 719		Arthur C.W. Georgalas	07-27-1988		
		29	DE	4 2	44 580		Galinski et al.	07-07-1994		cite 5
		30	DE	2 7	46 650		Henkel KGaA	04-26-1979		
		31	DE	26	14 723		Wella AG	10-20-1977		cite13
		32	EΡ	0 6	47 469		Desai et al.	04-12-1995		cite 10
		33	DE	199	33 466		Beiersdorf AG	01-13-2000		
		34	DE	199	33 463		Beiersdorf AG	01-13-2000		
		35	DE	199	33 464		Beiersdorf AG	01-13-2000		
		36	DE	199	33 461		Beiersdorf AG	01-13-2000		
		37	DE	199	33 460		Beiersdorf AG	01-13-2000		
W	$I\!\!\!I$	_ 38	wo	94/	04128		Beiersdorf AG	03-03-1994		cite 11

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. BOX 1450, Alexandria, VA 22313-1450.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

Approved for use through 10/31/2002. OMB 0651-0031*
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons	are required to respond to a collection	n of information unless it contains a valid OMB control number	
Substitute for form 1449A/PTO	Complete if Known		
	Application Number	10/620,812	
INFORMATION DISCLOSURE	Filing Date	July 17, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Joachim BUENGER et al.	
	Group Art Unit	1616 [6]	

Sheet

Examiner

Signature

(use as many sheets as necessary) Examiner Name Marina Lamm MERCK-2206-P01 of **Attorney Docket Number**

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Docum	ent Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴	
ML	39	DE	198 34 816		Merck Patent GmbH	02-03-2000		cite 7	
	40	DE	199 11 775		Merck Patent GmbH	02-03-2000		cite 4	
	41	DE	198 34 818		Merck Patent GmbH	02-03-2000			
	42	EP	0 915 167		Merck Patent GmbH	05-12-1999			
	43	wo	00/07558		Merck Patent GmbH	02-17-2000		cite 7	
	44	wo	01/58446		BITOP GMBH	08-16-2001		cite 12	
	45	wo	01/72263		Merck Patent GmbH	10-04-2001		cite 8	
	46	DE	100 06 578		bitop Gesellschaft	08-23-2001			
	47	wo	00/76528		Stefan Barth	12-21-2000			
$\exists \Pi \lambda$	48	wo	02/07522		Univ. of Alaska Fairbanks	01-31-2002			
100									
						, ,			
	·								
					-				
	-					_			
	•		-						
						4)			

EXAMINER: Initial Meterence considered, whether or not citation is in conformance with MPEP 609. Drawfine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case, Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.